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DATE: March 5, 2012

TO: Kelley Chase, EPA Region 3 OSC
Cynthia Caporale, EPA Region 3 OASQA

THROUGH: Ex. 4 - CBI SERAS Program Manager
Ex. 4 - CBI SERAS QA/QC Officer

FROM: Ex. 4 - CBI QA/QC Chemist

SUBJECT: VERIFICATION/COMPLETENESS CHECK – DIMOCK, PA LABORATORY DATA
NEL Reports Full Micro data package wk1_batch1 (parts 1 & 2)

INTRODUCTION

On March 5, 2012, a review of the case narratives and corresponding certificates of analysis from Northeastern Environmental Laboratories (NEL) (Full Micro Report Posted Feb. 29) was reviewed at the SERAS facility in accordance with the Follow-Up Verification/Completeness Check agreed upon during our teleconference on Wednesday 2/8/12.

The assumptions for this review include the following: 1) Case narratives from the Regional labs and/or subcontract labs have been reviewed in accordance with Regional or Environmental Services Assessment Team (ESAT) protocols and contain all pertinent and complete information to conduct the completeness check. SERAS will base this review on the information provided by the laboratory and not on an actual data package; and 2) SERAS will relay any “red” flags to the EPA R3 personnel to resolve and determine data usability.

OBSERVATIONS

In accordance with Table 1 – Field and QC Sampling Summary (Rev01 - 2/3/12), Table 2 – Sample Analytical Requirements Summary (Rev01 – 2/3/12) and Methods for Groundwater and Surface Water Samples and Standard Methods for the Examination of Water and Wastewater (SM 9222B, SM 9221E and SM 9215C), the following observations were noted. This reviewer agrees with the findings noted by the Microbiology Certification Officer.

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1. The laboratory reported a heterotrophic plate count (HPC) value of <1 CFU/mL for FB02. Their raw data shows a secondary plate count of 3 CFU/mL. The data for HW04 was not qualified; however, the auditor noted that the sample may be field contaminated. Based on the results of this field blank, data are not affected.

cc: Ex. 4 - CBI SERAS Project Officer
John Gilbert, ERT WAM
Gary Newhart, ERT WAM
Ex. 4 - CBI SERAS Task Leader

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